

**AMENDMENTS TO THE DRAWINGS**

FIG. 1 has been amended in the lower left hand corner to remove the term "MIXER" above multiplier 66. This will enhance clarity because reference number 64 refers to a mixer, which is also known as a demodulator.

FIG. 3 has been amended to correct a typographical error in the arrows between boxes corresponding to reference numbers 102, 106, and 104.

Replacement sheets for FIG. 1 and FIG. 3 are attached hereto and each is labeled as a REPLACEMENT SHEET.

Approval and entry are respectfully requested.

### **REMARKS**

This is in response to the Office Action of January 29, 2007. In accordance with the foregoing, the specification and figures have been amended. Claims 1-9 have been cancelled without prejudice, claims 1-10 have been amended, and claims 21-42 have been added. Approval and entry are respectfully requested.

#### **OBJECTION TO THE DISCLOSURE AND SPECIFICATION AMENDMENTS**

The Abstract was objected to because of formal language. The Abstract has been amended in accordance with the Office Action.

The specification has been amended in paragraph [0005] to set forth that mixer 64 is also known as a demodulator. Support is found in the provisional application, 60/390,585, at paragraph [0005], demodulator 172. Support is also found through parallel structure with modulator 48 in FIG. 1.

Withdrawal of the objection and entry of the amendments are respectfully requested.

#### **REJECTION UNDER 35 U.S.C. § 112**

The rejection has been rendered moot through cancellation of claim 1-10 without prejudice or disclaimer.

#### **REJECTION UNDER 35 U.S.C. § 103**

Claims 10-20 stand rejected under 35 U.S.C. § 103 as being obvious in view of Jakobsson, U.S. Patent No. 6,757,340. In view of the amendment set forth above and the remarks set forth below, the outstanding obviousness rejection is respectfully traversed.

Claim 10 now particularly sets forth "a DC averager to generate a time-averaged DC component from at least one of a successive average of the estimate values, the average calculated periodically over successive predetermined time intervals, or a running average of the estimate values, the average calculated over a predetermined number of estimate values." Support is found, inter alia, in paragraph [0012]. This feature is neither taught nor suggested by Jakobsson.

Likewise, independent claims 15 and 18, and the claims depending from 10, 15, and 18 set forth similar subject matter, and are therefore allowable.

#### NEW CLAIMS 21-42

Claims 21-42 have been added and find full support in the specification as filed. Claims 21-42 particularly set forth the subject matter identified above. Approval and entry are respectfully requested.

#### CONCLUSION

In light of the amendments and remarks contained herein, Applicant submits that the application is in condition for allowance, for which early action is requested. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. 17-0026.

Respectfully submitted,

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